501.33873VC4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: KAWAGOE, et al.

Filed: December 14, 2001

For: PROCESS FOR MANUFACTURING A SEMICONDUCTOR WAFER, A SEMICONDUCTOR WAFER, PROCESS FOR MANUFACTURING A SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE, AND SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 AND 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

December 14, 2001

Sir:

Pursuant to Applicant's duty of disclosure, enclosed please find a List, on a form substantially equivalent to Form PTO-1449, of documents cited in connection with prior applications of the above-identified application, that is, application Serial No. 09/513,349, filed February 25, 2000, Serial No. 08/934,774, filed September 22, 1997 and Serial No. 08/508,483, filed July 28, 1995.

Since each of the documents on the enclosed List was cited in connection with at least one prior application of the above-identified application, that is, at least one of Serial No. 09/513,349, Serial No. 08/934,774 and Serial No.

08/508,483, being relied upon under 35 USC 120 in the present application, copies of the listed documents are not enclosed. See 37 CFR 1.98(d).

This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified application. Accordingly, requirements of 37 CFR 1.97(b) are clearly satisfied.

In view of all of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR 1.97 and 1.98 have been satisfied, in connection with all documents on the enclosed List. Accordingly, consideration of the listed documents, upon examination of the above-identified application, is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 CFR § 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Deposit Account No. 01-2135 (Case No. 501.33873VC4) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

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Tel.: 703-312-6600
WIS/slk
Enclosures

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.33873VC4	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KAWAGOE, et al.	
		FILING DATE December 14, 2001	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	4,835,740	5-89	Sato			
	AB	5,290,714	3-94	Onozawa			
	AC	4,761,384	8-88	Neppl			
	AD	5,156,990	10-92	Mitchell			
	AE	6,043,114	3-00	Kawagoe			
	AF	4,564,416	1-86	Homma, et al.			
	AG	4,684,971	8-87	Payne, et al.			
	AH	5,237,188	8-93	Iwai, et al.			
	AI	5,396,093	3-95	Lu			
	AJ	5,508,540	4-96	Ikeda, et al.			
	AK	5,508,549	4-96	Watanabe, et al.			
	AL	3,974,003	8-76	Zirinsky, et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation /Abstract	
							Yes	No
	AM	0373723	6-20-90	Europe				
	AN	0550021	7-85	Europe				
	AO	60132358	7-85	Japan				
	AP	58218159	12-83	Japan				
	AQ	63157477	6-88	Japan				
	AR	61002356	1-86	Japan				
	AS							
	AT							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	Wolf, S., "Silicon Procesing for the VLSI Era Vol. 1", ppg. 64-65.
	AV	Ghandhi, S., "VLSI Fabrication Principles Silicon and Gallium Arsenide", ppg. 735-738.
	AW	Yamaguchi, et al., "Process integration and device performance of a submicrometer BiCMOS with 16-GHz f(t) double Poly-Bipolar devices", IEEE Transactions on Electron Devices, Vol. 36, No. 5, ppg. 890-896.
	AX	
	AY	
	AZ	

Examiner	Date Considered

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(Use several sheets if necessary)		FILING DATE	GROUP
		December 14, 2001	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	5,216,269	6-93	Middlehoek, et al.			
	AB	4,525,920	7-85	Jacobs, et al.			
	AC	4,717,686	1-88	Jacobs, et al.			
	AD	4,766,090	8-88	Coquin, et al.			
	AE	5,296,047	3-22-94	Fellner			
	AF	4,477,310	10-84	Park, et al.			
	AG	4,803,179	2-89	Neppl, et al.			
	AH	4,005,453	1-77	Le Can, et al.			
	AI	4,943,536	7-90	Havemann			
	AJ	4,578,128	3-86	Mundt, et al.			
	AK	4,662,082	11-86	Dyson, et al.			
	AL						

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